

Ch 1-4 Test 45

February 26, 2016 9:57 AM

White workbook due
on test day too

uniformitarianism

nebular hypothesis

elements in crust

most abundant rock-forming group

mineral defⁿ

mineral data sheet - know how to use

mineral id - cleavage, hardness, shape, streak

aa + pahoehoe

cooling rate → crystal size



see = large

ore minerals - what mined for →

sphalerite - zinc

galena - lead

chalcocite - copper

felsic, mafic, ultramafic

→ Bowen's
mid ocean ridges → basaltic lava, pillows

mafic = basaltic, felsic = rhyolitic

sill / dike / lava flow

volcanic or lava dome in crater of Mt St Helens

shield / composite / cinder cones

lahar, nuee ardente,
(ash flow)

Written

Rock Cycle processes - interpret

chilled margins

columnar joints - hot mafic magma, shrinks as cools

why crystals form sometimes only (time + space)

uniformitarianism

gradual, slow, constant change

present is the key to the past

